2009-10 Archived Seminars

May 21, 2010
Doina Tumbar
Department of Molecular Biology & Genetics
Cornell University
Title: "Control of stem cell dynamics in the hair follicle native niche"
http://mbg.cornell.edu/faculty-staff/faculty/tumbar.cfm

May 14, 2010
Greg Hannon
Cold Spring Harbor Laboratory
Cold Spring Harbor
Title: "Conserved roles of small RNAs in genome defense"
Host: Heather Flores
http://www.cshl.edu/public/SCIENCE/hannon.html

May 7, 2010
Ning Zheng
Department of Pharmacology
University of Washington
Title: "Targeting Ubiquitin Ligases: Plant Hormones and Drug Discovery"
Host: Ailong Ke
http://depts.washington.edu/phcol/faculty/zheng.php

April 30, 2010
Jack Szostak
Department of Molecular Biology - MGH
Harvard Medical School - HHMI
Title: "Towards the Design and Synthesis of an Artificial Cell"
Host: Bik Tye
http://genetics.mgh.harvard.edu/szostakweb/

April 29, 2010 (Thursday)
Roy Parker
HHMI- Department of Molecular & Cellular Biology
University of Arizona
Title: "Control of Translation and mRNA Degradation in Eukaryotic Cells"
Host: Jeff Pleiss
http://www.mcb.arizona.edu/parker/default.htm

April 23, 2010
Harry Gilbert
University of Georgia
Title: "Dissecting the evolutionary mechanism that underpin plant cell wall deconstruction"
Host: David Wilson
April 16, 2010

**Marcus Smolka**
Department of Molecular Biology & Genetics
Cornell University

*Title:* "Coordination of DNA Damage Response by Checkpoint Kinases & Molecular Scaffolds"

*Host:* Bik Tye

http://mbg.cornell.edu/cals/mbg/faculty-staff/faculty/smolka.cfm

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April 9, 2010

**Jian-Kang Zhu**
University of California, Riverside

*Title:* "Conserved roles of small RNAs in genome defense"

*Host:* Jian Hua

http://www.faculty.ucr.edu/~jkzhu/

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April 2, 2010

**Patrick Hu**
Life Science Institute
University of Michigan

*Title:* "Novel regulators of FoxO transcription factors"

*Host:* Frank Schroeder

http://www.lsi.umich.edu/facultyresearch/labs/hu/pi

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March 26, 2010

**Mitzi Kuroda**
Department of Genetics & Medicine
Harvard Medical School

*Title:* "Xchromosome targeting of dosage compensation in Drosophila"

*Host:* Dan Barbash

http://www.hms.harvard.edu/dms/bbs/fac/kuroda.html

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March 19, 2010

**Dennis Winge**
Health Science Center
University of Utah

*Title:* "Assembly and Quality Control Degradation of Cytochrome Oxidase"

*Host:* Tom Fox

http://www.biochem.utah.edu/~winge/

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March 12, 2010

**Elaine Ostrander**
Cancer Genetics Branch
National Human Genome Research Institute, NIH

*Title:* "The long and short of it: Mapping Complex Traits in the Domestic Dog"

*Host:* Nathan Sutter

http://www.genome.gov/12513335

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March 8, 2010 (Special Monday Seminar)

**Michael Eisen**
Department of Molecular & Cell Biology
University of California, Berkeley
Title: "Molecular Logic & Evolutionary Mirages: The evolution of transcriptional regulation in Drosophila embryogenesis"
Host: Brian Lazzaro
http://rana.lbl.gov/eisen/

March 5, 2010
Shu-Bing Qian
Division of Nutritional Sciences
Cornell University
Title: "Lost in Translation: a Tale of Protein Birth and Protein Death"
Host: Volker Vogt
http://www.human.cornell.edu/che/bio.cfm?netid=sq38

February 26, 2010
Kris Gunsalus
Center for Genomics and Systems Biology
New York University- New York City
Title: "Molecular networks in C. elegan early embryogenesis"
Host: Eric Alani & Kelly Liu
http://biology.as.nyu.edu/object/KrisGunsalus

February 19, 2010
Laurel Raftery
Department of Cell Biology
MGH-Harvard Medical Sciences
Title: "BMP regulation of epithelial morphogenesis"
Host: Kelly Liu
http://www.hms.harvard.edu/dms/bbs/fac/raftery.html

February 12, 2010
Bill Balch
Cell Biology & Chemical Physiology
Scripps Institute - La Jolla, CA
Title: "Folding Energetics, Membrane Traffic & Proteostasis: Why it Works and What goes Wrong in Human Disease"
Host: Bill Brown and Scott Emr
http://www.scripps.edu/cb/balch/

February 5, 2010
Paul Cullen
Department of Biological Sciences
State University of New York at Buffalo
Title: "Signal Transduction Pathway Regulation by Signaling Mucins"
Host: Chris Fromme
http://www.biology.buffalo.edu/faculty/cullen.html

January 29, 2010
David Stern
Department Ecology & Evolutionary Biology
Princeton University
Title: "How a complex enhancer region contributes to phenotypic robustness and morphological evolution"
Host: Chip Aquadro
http://www.princeton.edu/~dstern/Stern%20Lab.html

January 22, 2010
Randall Kaufman
Biological Chemistry-Biochemical Signaling
HHMI- University of Michigan, Ann Arbor
Title: "Protein Misfolding in the ER, Oxidative Stress and the Unfolded Protein Response."
Host: Ling Qi
http://www.biochem.med.umich.edu/?q=rkaufman
December 11, 2009 (SPECIAL TIME: 1:30PM)
Dan Barbash
Department of Molecular Biology & Genetics
Cornell University
Title: "Speciation, the inevitable consequence of genome evolution"
Host: Kelly Liu
http://mbg.cornell.edu/cals/mbg/faculty-staff/faculty/barbash.cfm

December 4, 2009
Daniel Durocher
Title: "New insights on the response to DNA double-strand breaks from genetic and RNA interference screens"
Host: Marcus Smolka
http://www.mshri.on.ca/durocher/

November 20, 2009
Dan Starr
Title: "Positioning nuclei with a nuclear envelope bridge"
Host: Kelly Liu
http://sandtiger.dbs.ucdavis.edu/FacultyProfiles/CDB_GG/DisplayFacultyProfile.cfm?ResearcherID=1829

November 13, 2009
Hannah Klein
Title: "Regulating Rad51 Recombinase through DNA Translocases"
Host: Eric Alani
http://www.med.nyu.edu/biochem/labs/klein/

November 5, 2009
2009 Racker Lecture
Joseph Schlessinger
Title: "Journey of a biophysical chemist in biomedical research"
Call Auditorium-Kennedy Hall at 8:00 p.m.
Reception to follow outside of the Auditorium
Host: David Shalloway

November 6, 2009
MBG Friday Seminar
Joseph Schlessinger
4:00 P.M. G-10 Biotech Building
Title: "Cell signaling by receptor tyrosine kinases; from molecules to cancer therapy"
Reception at 5:00 P.M. Atrium-outside of G-10
Host: David Shalloway

October 30, 2009
Natasza Kurpios
Cornell University
Title: "Trust Your Gut Instinct: Asymmetric Cell Behavior and Cell Shape Specify the Direction of Intestinal Looping"
Host: Paul Soloway

October 23, 2009
Justin Fay
Title: "Molecular basis of variable drug responses in yeast"
Host: Zhenglong Gu
http://www.genetics.wustl.edu/jflab/

October 16, 2009
Bing Ren
Title: "Decoding the human epigenome"
Host: John Lis
http://cancer.ucsd.edu/summaries/biren.asp

October 9, 2009
Joe Thornton
Title: "Functional Synthesis in Molecular Biology & Evolution: Evolution of Steroid Receptor Structure"
Host: Nathan Clark
http://www.uoregon.edu/~joet/
September 25, 2009
Bradley Bernstein
Title: "Epigenetic mechanism of pluripotency".
Host: Paul Soloway
http://www.hms.harvard.edu/dms/bbs/fac/Bernstein.html

September 18, 2009
Ana Maria Cuervo
Department of Developmental and Molecular Biology
Albert Einstein College of Medicine, Bronx, NY
Title: "Selective Autophagy in Aging and Age-related Disorders"
Host: Sylvia Lee
http://www.aecom.yu.edu/cuervo/

September 11, 2009
Dr. Jue Chen
Department of Microbiology
University of California-Davis
Title: "Alternating access of the maltose ABC transporter"
Host: Yuxin Mao
http://chen.bio.purdue.edu/people.html

August 28, 2009
Dr. Frank Schroeder
Schroeder Research Group, Boyce Thompson Institute, and Department of Chemistry and Chemical Biology
Cornell University
Title: "Worm chemical biology: Lessons from small molecules"
Host: Volker Vogt
http://www.bti.cornell.edu/FrankSchroeder.php